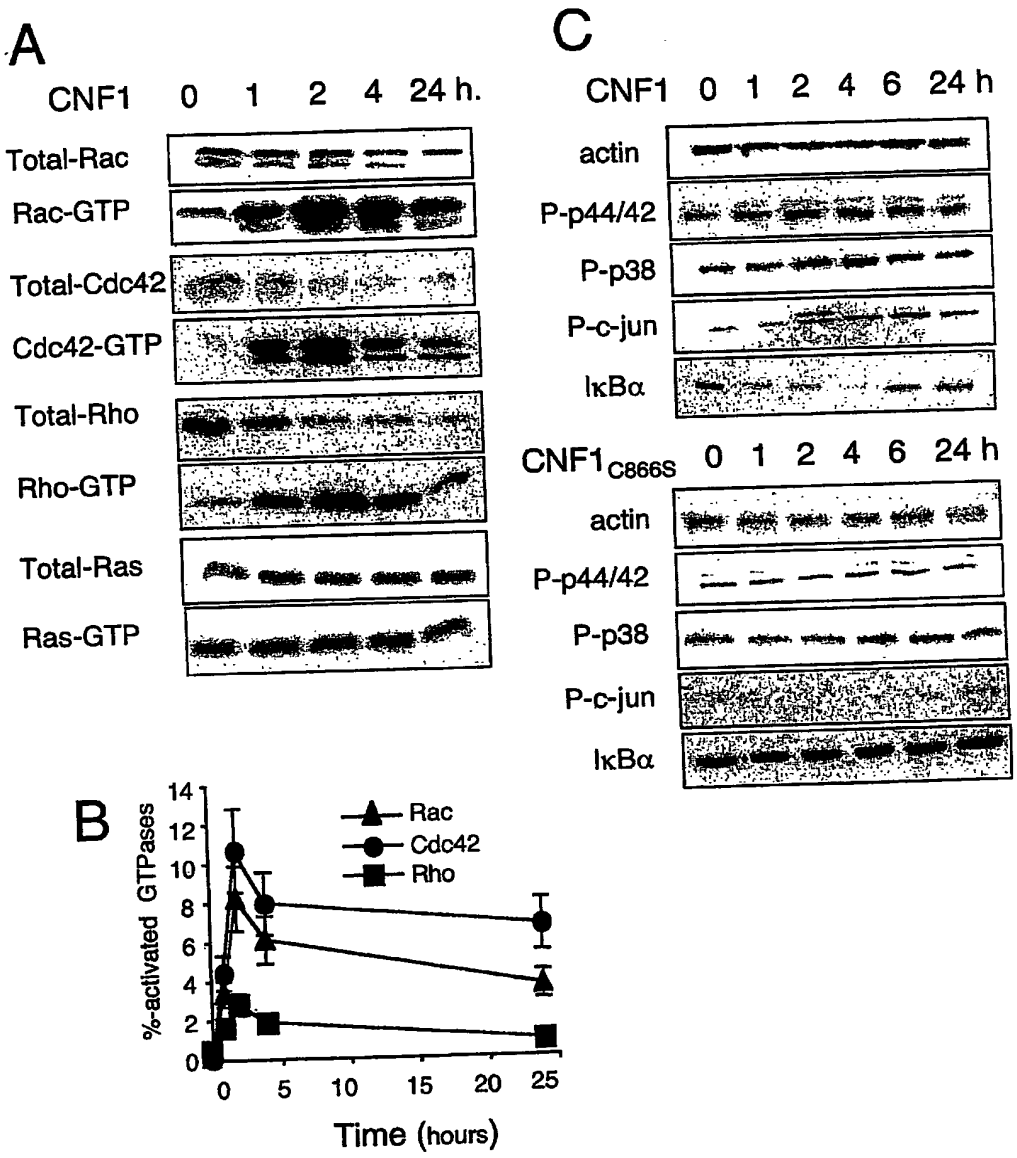

A
CNF1 0 1 2 4 24 h.
Total-Rac
Rac-GTP
Total-Cdc42
Cdc42-GTP
Total-Rho
Rho-GTP
Total-Ras
Ras-GTP
C
CNF1 0 1 2 4 6 24 h
actin
P-p44/42
P-p38
P-c-jun
IκBα
CNF1C866S 0 1 2 4 6 24 h
actin
P-p44/42
P-p38
P-c-jun
IκBα
B
Rac
Cdc42
Rho
%-activated GTPases
0 2 4 6 8 10 12 14
0 5 10 15 20 25
Time (hours)

FIGURE 1

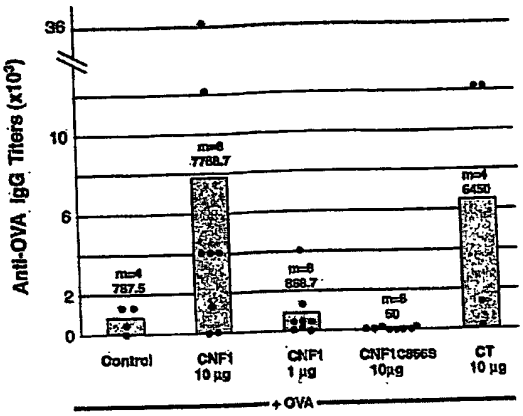



FIGURE 2

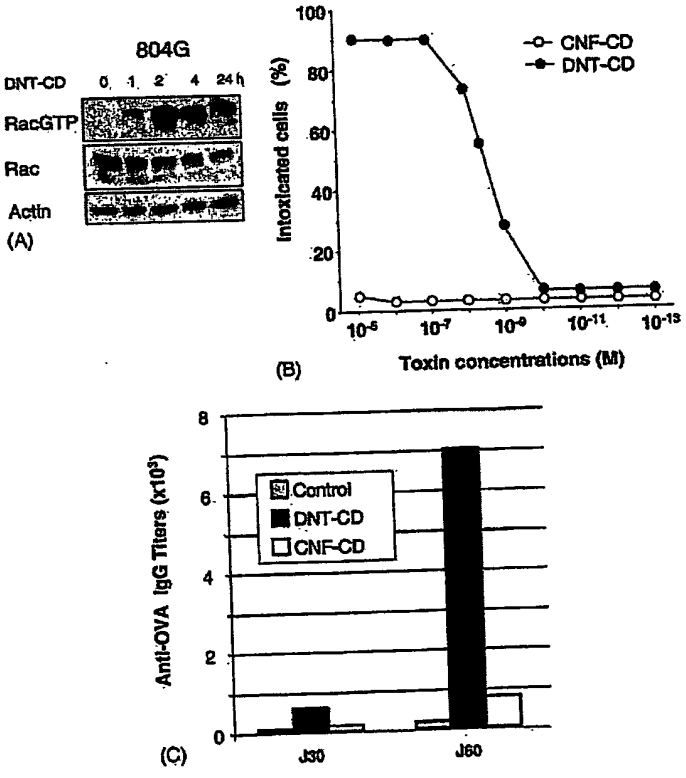



FIGURE 3

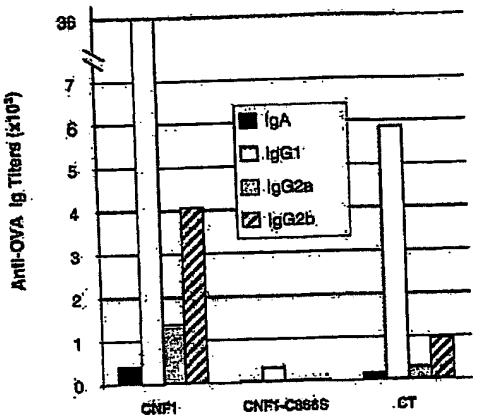



FIGURE 4

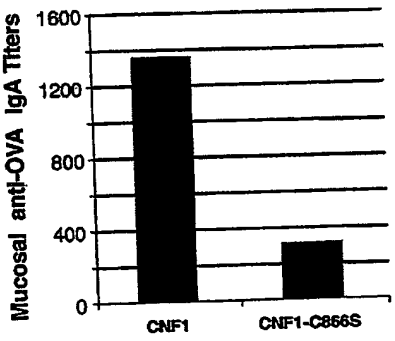



FIGURE 5

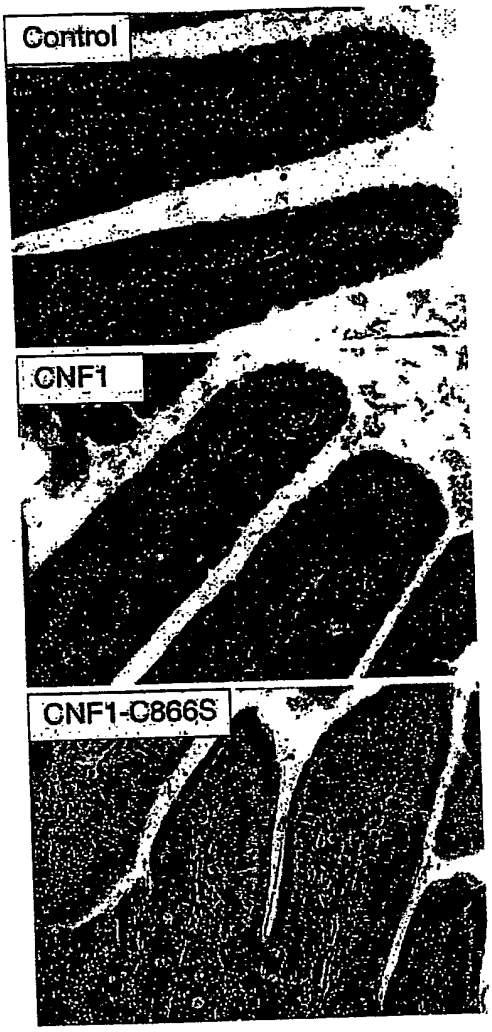
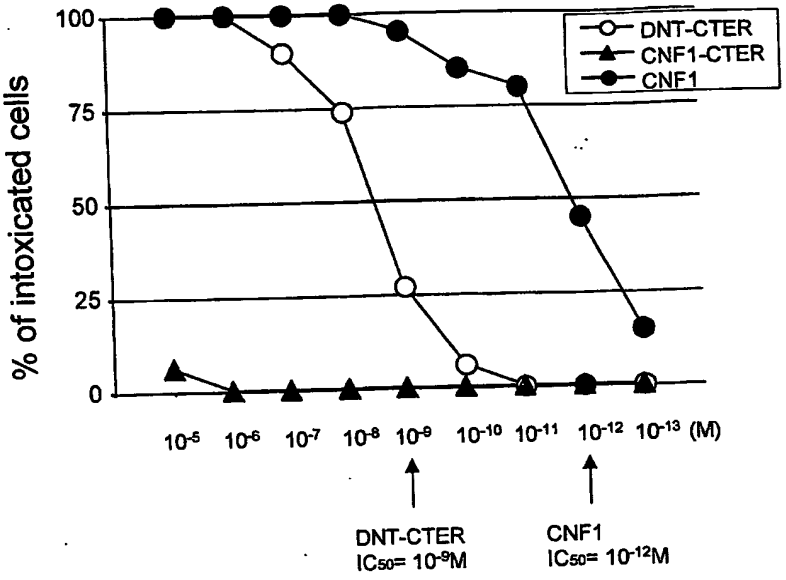



FIGURE 6

A


100
75
50
25
0
% of intoxicated cells
DNT-CTER
CNF1-CTER
CNF1
10-5 10-6 10-7 10-8 10-9 10-10 10-11 10-12 10-13 (M)
DNT-CTER
IC50= 10-9M
CNF1
IC50= 10-12M

B

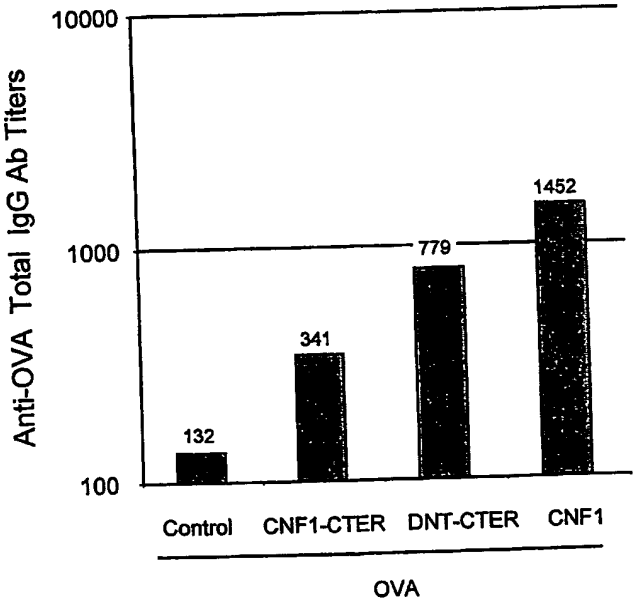

10000
1000
100
Anti-OVA Total IgG Ab Titers
132
341
779
1452
Control
CNF1-CTER
DNT-CTER
CNF1
OVA

FIGURE 7